

**Chromaflo Technologies meets the challenges of industrial tinting systems for industrial wood applications**

**Setting up a tinting system for industrial coatings is a challenging task: the individual colorants must have little or no impact on performance and properties of the coating. This is why Temacolor HP colorants are the perfect choice.**

**Application**

Temacolor HP is based on an acrylic resin and provides a broad compatibility profile. It is specially designed for all solvent-based one- and two-component coatings, as well as industrial wood finishes. Temacolor HP is compatible with coatings based on nitrocellulose, polyurethane, CAB, short oil alkyd and acid curing systems.

**Properties**

Most Temacolor HP colorants are formulated without the use of aromatic solvents. Pigment selection is based on the high requirements of industrial coating systems. Even the use of high amounts of Temacolor HP (up to 30 percent) will only have minimal impact on the system properties such as gloss, pot life, hardness, viscosity, sagging and drying time. All Temacolor HP colorants are calibrated by volume and weight. This makes them suitable for use in In-Plant and POS tinting systems.

**Our Services**

As a frontrunner in integrating tinting solutions, Chromaflo Technologies provides excellent service in the set-up of your tinting systems as well as smooth colorant technology conversions. Our technical support includes:

- Assurance of colorant and base paint compatibility
- System design, optimization and pigment selection
- Color matching and database development
- Equipment compatibility and sales support

Stringent production controls and processes ensure that all colorants are manufactured to rigid specifications for color shade, strength and rheology. The end result is assured color accuracy and reproducibility.



## TEMACOLOR™ HP TECHNICAL DATA

Name	Color	Pigment	Pigment content of colorant [%]	Light fastness of pigment <sup>1</sup>		Weather resistance of pigment <sup>2</sup>		Density of Colorant (g/ml)
				Full	Tint	Full	Tint	
1004	White	PW 6	60	8	n/a	5	n/a	1.66
1010	Black	PBk 7	27	8	8	5	5	1.09
1012	Black	PBk 7	14	8	8	5	5	1.09
1022	Yellow Oxide	PY 42	57	8	8	5	5	1.63
1024	Yellow Oxide	PY 42	50	8	8	5	5	1.52
1030	Blue G	PB 15:3	21	8	8	5	4-5**	1.03
1032	Blue R	PB 15:6	23	8	8	5	4-5**	1.03
1040	Yellow	PY 151	35	8	7-8	5	4-5	1.07
1043	Yellow G	PY 138	35	8	8	4-5	4	1.14
1047	Yellow R	PY 139	42	8	8	4	3-4	1.20
1050	Yellow	PY 83	30	7-8	6-7	4	3	1.04
1061	Orange	PO 62	40	8	7	5	4-5	1.14
1062	Orange	PO 36	27	8	7-8	5	4-5	1.11
1063	Orange	PO 73	28	8	8	4-5	4-5	1.00
1070	Red	PR 170	29	7-8	6	4-5	2-3	1.04
1072	Red	PR 254	26	8	8	4-5	4	1.10
1075	Red Oxide	PR 101	57	8	8	5	5	1.80
1090	Violet	PV 23	9	8	8	5	4	0.98
1092	Red-Violet	PV 19	18	7	7-8	4	4	1.04
1095	Pink	PR 122	18	7	7-8	4	4-5	1.01
2010	Green	PG 7	20	8	8	5	4-5**	1.08
3095	Black	PBk 7	26	8	8	5	5	1.09

The values given in the table are guidance figures only. The data is obtained from pigment suppliers, individual testing is recommended.

<sup>1</sup> Light fastness is measured on an eight step blue scale, where 1 = very poor light fastness, 8 = excellent light fastness.

<sup>2</sup> Weather resistance is measured on a five step gray scale, where 1 = very poor weather resistance, 5 = excellent weather resistance.

\*\* See: "Notes to the Technical Data Sheet"

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